

Title (en)

DYNAMIC VPN ADDRESS ALLOCATION

Title (de)

DYNAMISCHE VPN ADRESS ALLOZIERUNG

Title (fr)

ALLOCATION DYNAMIQUE DES ADRESSES VPN

Publication

**EP 3425886 B1 20210331 (EN)**

Application

**EP 18191324 A 20120709**

Priority

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Abstract (en)

[origin: EP3425886A1] Methods and related systems are presented that relate to automatically avoiding address conflicts when establishing a secure communications link over a public network between a local computer, associated with a local network, and a remote computer, located outside the local network. In order to avoid address conflict, addresses reserved for use by the local network and addresses reserved for use by the remote network are determined. At least one local address is selected from among available local addresses such that the selected local address is an address that does not conflict with the reserved addresses of the local network and the reserved addresses of the remote network. The selected local address is used in connection with establishment of the secure communications link between the local computer and the remote computer.

IPC 8 full level

**H04L 45/741** (2022.01)

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**H04L 61/4511** (2022.05 - CN EP US); **H04L 61/5046** (2022.05 - CN EP US); **H04L 61/5053** (2022.05 - US); **H04L 63/0272** (2013.01 - CN EP US);  
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CN 103748861 B 20170711; CN 107342991 A 20171110; CN 107342991 B 20211224; EP 2730081 A1 20140514; EP 2730081 B1 20180829;  
HK 1197120 A1 20150102; JP 2014523193 A 20140908; JP 2015233336 A 20151224; JP 2016007079 A 20160114; JP 2017050896 A 20170309;  
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JP 6062017 B2 20170118; JP 6236423 B2 20171122; JP 6383397 B2 20180829; JP 6550179 B2 20190724; JP 7387785 B2 20231128;  
US 10608986 B2 20200331; US 11290420 B2 20220329; US 2013179580 A1 20130711; US 2016072763 A1 20160310;  
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CN 201280034033 A 20120709; CN 201710493159 A 20120709; EP 12743274 A 20120709; HK 14110584 A 20141023;  
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US 2012045921 W 20120709; US 201213544582 A 20120709; US 201514687875 A 20150415; US 202016834718 A 20200330;  
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